

### Method of Support Statement

Mobay Corporation, Animal Health Division, is choosing the selective method for satisfying data requirements to support the registration of Bayocide™ Pour-On Insecticide. Specific data requirements are given below.

Data Requirements for Bayocide Pour-On Insecticide Containing Cyfluthrin Active Ingredient.			
* Supplied as Baythroid Technical Insecticide (EPA Reg. No. 3125-356)			
Data Requirements/ Guidelines Reference No./ Description	Method of Demonstrating Compliance		
	Submission of New Study/ Information	Citation of Studies	
		Specific	Cite-All
§ 158.120 Prod. chem.			
61- 1 Identity/comp.	X		
61- 2 Manuf. descript.	X		X
61- 3 Discus. of impur.	X		
62- 1 Prelim. anal.	X		X
62- 2 Cert. of limits	X		
62- 3 Anal. meth.	X		
63- 2 Color	X		X
63- 3 Phys. state	X		X
63- 4 Odor	X		X
63- 5 M.P.			X
63- 6 B.P.			X
63- 7 Density	X		X
63- 8 Solubility			X
63- 9 Vapor press.			X
63-10 Dissoc. const.			X
63-11 Oct./water coeff.			X
63-12 pH	X		X
63-13 Stability			X
63-14 Oxid./Reduc.	X		
63-15 Flammability	X		
63-16 Explodability	X		
63-17 Storage stability	X		
63-18 Viscosity	X		
63-19 Miscibility	X		
63-20 Corrosion	X		
§ 158.24 Residue Chemistry			
171-2 Chem. identity	X		
171-4 Nature of res.			X
Res. anal. meth.			X
Mag. of the res.	X		
171-5 Redtn. of res.			X
171-6 Proposed tol.			X

Data Requirements for Bayocide Pour-On Insecticide Containing Cyfluthrin Active Ingredient. (continued)			
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Data Requirements/ Guidelines Reference No./ Description	Method of Demonstrating Compliance		
	Submission of New Study/ Information	Citation of Studies	
		Specific	Cite-All
158.340 Toxicology			
81-1 Acute oral/rat		X	
81-2 Acute dermal		X	
81-3 Acute inhal./rat		X	
81-4 Pri. eye irr./rab.		X	
81-5 Pri. dermal sens.		X	
81-6 Dermal sens.		X	
82-1 90-d. feeding			X
82-2 21-d. dermal			X
82-3 90-d. dermal			X
83-1 Chronic feeding			X
83-2 Oncogenicity			X
83-3 Teratogenicity			X
83-4 Reproduction			X
84-2 Gene mutat.			X
84-3 Str. chrom. aber.			X
84-4 Other genotox. ef.			X
85-1 Gen. metab.			X
86-1 Dom. an. safety	X		
158.490 Wild. & aq. org.			
71-1 Avian oral LD <sub>50</sub>			X
71-2 Avian dietary LC <sub>50</sub>			X
72-1 Fresh. fish LC <sub>50</sub>			X
72-2 Fresh. inv. LC <sub>50</sub>			X



The following new studies (not previously submitted) are being submitted to support the registration application of Bayocide Pour-On Insecticide:

Guideline No.

- |        |   |
|--------|---|
| 62- 3  | Mobay Report No. 74022, Validation of Test Method TMC-41.20 for Determining Cyfluthrin in Cyfluthrin 1% Pour-On by Gas/Liquid Chromatography. |
| 63-17  | Mobay Report No. 74027, Stability of Cyfluthrin 1% Pour-On (3 Month Interval).  |
| 171- 4 | Mobay Report No. 74050, Residues of Cyfluthrin for Bovine Tissue and Milk Following Dermal Application of a Pour-On Formulation.              |
| 171- 4 | Mobay Report No. 74051, Residues of Cyfluthrin for Bovine Tissue Following Dermal Application of a Pour-On Formulation to Beef Cattle.        |
| 86- 1  | Mobay Report No. 74013, General Safety Evaluation for the Use of Cyfluthrin 1% Pour-On in Cattle.   |

The following studies previously submitted are being specifically cited to support the registration application of Bayocide Pour-On Insecticide:

<u>Guideline Number</u>	<u>Mobay Report Number</u>	<u>MRID Number</u>
81-1	90898	00157788
81-2	90447	00157789
81-3	90901	00157790
81-4	86130	00138748
81-5	90575	00157791
81-6	90807	00157792

All other pertinent studies cited under the "cite-all" category have previously been submitted by Mobay Corporation, Agricultural Chemicals Division in support of BAYTHROID Technical Insecticide, EPA Registration No. 3125-356, source of cyfluthrin active ingredient and Pesticide Petition No. 9H5574 and MRID No. 410016-00, 410016-22, 410620-00 and 410620-01.

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**Data Requirements for Bayocide Pour-On Insecticide  
Containing Cyfluthrin Active Ingredient. (continued)**

\* Supplied as Baythroid Technical Insecticide (EPA Reg. No. 3125-356)

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<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDE PROGRAMS (WH-567)</b> WASHINGTON, D.C. 20460  <b>LABEL TECHNICAL DATA</b> <i>(See INSTRUCTIONS on back of last part)</i>		1. COMPANY/REGISTRATION NO.  <div style="text-align: center; font-size: 1.2em;">1156- RNT</div>	2. EPA USE ONLY
4. APPLICATION SITES <i>(Check all that apply)</i>		3. PRODUCT NAME  <div style="text-align: center; font-size: 1.2em;">F Bayocide™ Pour-On Insecticide</div>	
5. PEST TYPE <i>(Check all that apply)</i>		7. USER TYPE <i>(Check all that apply)</i>	
6. FORMULATION <i>(Check one only)</i>		8. MODE OF ACTION <i>(Check all that apply)</i>	
9. OTHER (Specify)		10. OTHER (Specify)	
REMARKS:			